

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	462	29/2.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:00
L2	347	429/129.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:01
L3	2	I2 and bypass	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:01
L4	118	429/143.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:01
L5	1	I4 and bypass	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:02
L6	117	429/147.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:02
L7	3	I6 and bypass	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:09
L8	0	2004/0038112.pn.	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:09
L9	1	"20040038112".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:10
L10	1	"20030215693".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/16 14:11
S1	752	429/39.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 13:57
S2	370	S1 and separator	US-PGPUB; USPAT	OR	OFF	2005/09/06 17:35
S3	2	("4542079"   "5981098").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/02 13:50
S4	1	"6387558".pn.	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:02
S5	0	S4 and inlet	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:02
S6	1	toyota near jidosha near kabusiki near kaisha	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:11
S7	9853	toyota near jidosha	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:12
S8	1	toyota near jidosha near kabusiki	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:12
S9	9745	toyota near jidosha.as.	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:12
S10	251	S9 and separator	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:12

## EAST Search History

S11	1	"6531245".pn.	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:20
S12	0	S11 and inlet	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:17
S13	2	("4542079"   "5981098").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/02 14:20
S14	543	fuel near cell near separator	US-PGPUB; USPAT	OR	OFF	2005/09/02 14:36
S15	35242	"429"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/02 16:20
S16	9072	S15 and fuel near cell	US-PGPUB; USPAT	OR	OFF	2005/09/02 16:21
S17	3240	S16 and separator	US-PGPUB; USPAT	OR	OFF	2005/09/02 16:21
S18	754	429/39.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/06 11:55
S19	371	S18 and separator	US-PGPUB; USPAT	OR	OFF	2005/09/06 11:55
S20	22	S19 and bypass	US-PGPUB; USPAT	OR	OFF	2005/09/06 11:55
S21	2217	429/34.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/06 17:36
S22	171416	"428"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:52
S23	419	S22 and bypass	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:49
S24	7	S23 and fuel near cell	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:50
S25	2	S23 and 429/12-46.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:52
S26	1270	(fuel near cell) and bypass	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:52
S27	36468	"429"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:52
S28	812	S27 and bypass	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:52
S29	651	S28 and (fuel near cell)	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:53
S30	279	S29 and upstream	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:53
S31	45	S30 and gas near passage	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:57

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S32	1	"6387558".pn.	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:57
S33	1	S32 and bypass	US-PGPUB; USPAT	OR	OFF	2006/02/07 15:53
S34	432	"l11" and bypass\$	US-PGPUB; USPAT	OR	OFF	2006/02/07 15:52
S35	1	"6387558".pn.	US-PGPUB; USPAT	OR	OFF	2006/02/07 15:53
S36	1	S35 and bypass	US-PGPUB; USPAT	OR	OFF	2006/02/07 15:53
S37	1	S35 and bypass\$	US-PGPUB; USPAT	OR	OFF	2006/02/07 17:14
S38	10	"6322915"	US-PGPUB; USPAT	OR	OFF	2006/02/07 17:14
S39	0	"6322915.pn."	US-PGPUB; USPAT	OR	OFF	2006/02/07 17:14
S40	1	"6322915".pn.	US-PGPUB; USPAT	OR	OFF	2006/02/07 19:39
S41	5	("5230966"   "5547776"   "5700595"   "5773160"   "5922485").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/07 19:25
S42	5	("6322915").URPN.	USPAT	OR	OFF	2006/02/07 19:32
S43	27934	"429"/\$.ccls.	USPAT	OR	OFF	2006/02/07 19:32
S44	415	S43 and bypass	USPAT	OR	OFF	2006/02/07 19:34
S45	37	S43 and bypass same separator	USPAT	OR	OFF	2006/02/07 19:36
S46	22	S43 and bypass same (coolant near flow)	USPAT	OR	OFF	2006/02/07 19:36
S47	1	"6322915".pn.	US-PGPUB; USPAT	OR	OFF	2006/02/07 19:39
S48	1	S47 and first near coolant near inlet	US-PGPUB; USPAT	OR	OFF	2006/02/07 19:40
S49	1	S47 and second near coolant near outlet	US-PGPUB; USPAT	OR	OFF	2006/02/07 19:41
S50	1	S47 and first near coolant near outlet	US-PGPUB; USPAT	OR	OFF	2006/02/07 19:43
S51	5	"429"/\$.ccls. and (split near path)	US-PGPUB; USPAT	OR	OFF	2006/02/07 19:44
S52	5	(fuel near cell) and (split near path)	US-PGPUB; USPAT	OR	OFF	2006/02/07 19:44
S53	1788	separator same bypass	US-PGPUB; USPAT	OR	OFF	2006/08/07 15:10
S54	347	separator same bypass same inlet same outlet	US-PGPUB; USPAT	OR	OFF	2006/08/07 15:13

## EAST Search History

S55	1095	separator same bypass same inlet same outlet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 15:10
S56	62	S55 and gas near passages	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 15:11
S57	62	S55 and gas near passage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 15:11
S58	22	(separator same bypass same inlet same outlet) and fuel near cell	US-PGPUB; USPAT	OR	OFF	2006/08/07 15:21
S59	10	(separator near10 bypass same inlet same outlet) and fuel near cell	US-PGPUB; USPAT	OR	OFF	2006/08/07 15:21
S60	140	(separator near10 bypass same inlet same outlet)	US-PGPUB; USPAT	OR	OFF	2006/08/07 15:35
S61	216	separator same bypass same inlet near10 outlet	US-PGPUB; USPAT	OR	OFF	2006/08/07 15:36
S62	104	S61 not S60	US-PGPUB; USPAT	OR	OFF	2006/08/07 15:36
S63	706	separator same bypass same inlet near10 outlet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 15:36
S64	310	separator same bypass same inlet near10 outlet same (side)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 15:44
S65	233	separator near10 bypass same inlet near10 outlet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 15:45

## EAST Search History

S66	145	S65 not S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 15:44
S67	8	(fuel near cell) same separator near10 bypass same inlet near10 outlet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 15:46